



Information Disclosure Statement by Applicant

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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				<i>Complete if Known</i>
Information Disclosure Statement by Applicant				Application Number 10/575,698
				Filing Date 09/26/2006
				First Named Inventor Mathieu Boilard
				Art Unit 1653
				Examiner Name To be assigned
Sheet	1	of	2	Attorney Docket Number 701826-057830

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/S.M./	C9	ABE, H. et al., "Secretory Products of Bovine Oviductal Epithelial Cells Support the Viability and Motility of Bovine Spermatozoa in Culture In Vitro," <i>J. Experimental Zoology</i> 272:54-61, 1995.		
	C10	ANDERSON, S. et al., "Effect of Macromolecules from Oviductal Conditioned Medium on Bovine Sperm Motion and Capacitation," <i>Biology of Reproduction</i> 51:795-799, 1994.		
	C11	BOILARD, M. et al., "Effect of Bovine Oviduct Epithelial Cell Apical Plasma Membranes on Sperm Function Assessed by a Novel Flow Cytometric Approach," <i>Biology of Reproduction</i> 67:1125-1132, 2002.		
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	C13	CHIAN, R. et al., "Fertilizing Ability of Bovine Spermatozoa Cocultured with Oviduct Epithelial Cells," <i>Biology of Reproduction</i> 52:156-162, 1995.		
	C14	DE PAUW, I. et al., "Sperm Binding to Epithelial Oviduct Explants in Bulls with Different Nonreturn Rates Investigated with a New In Vitro Model," <i>Biology of Reproduction</i> 67:1073-1079, 2002.		
	C15	DOBRINSKI, I. et al., "Membrane Contact with Oviductal Epithelium Modulates the Intracellular Calcium Concentration of Equine Spermatozoa In Vitro," <i>Biology of Reproduction</i> 56:861-869, 1997.		
	C16	EHRENWALD, E. et al., "Bovine Oviductal Fluid Components and Their Potential Role in Sperm Cholesterol Efflux," <i>Molecular Reproduction and Development</i> 25:195-204, 1990.		
	C17	ELLIS, R. et al., "Molecular Chaperones," <i>Annu. Rev. Biochem.</i> 60:321-347, 1991.		
	C18	GRIPPO, A. et al., "Effect of bovine ampullary and isthmic oviductal fluid on motility, acrosome reaction and fertility of bull spermatozoa," <i>J. Reproduction and Fertility</i> 105:57-64, 1995.		
	C19	HUNTER, R. et al., "Sperm transport in the cow : peri-ovulatory redistribution of viable cells within the oviduct," <i>Reprod. Nutr. Develop.</i> 24(5A):597-608, 1984.		
↓	C20	KING, R. et al., "Effect of Bovine Oviductal Estrus-Associated Protein on the Ability of Sperm to Capacitate and Fertilize Oocytes," <i>J. Andrology</i> 15(S):468-478, 1994.		
/S.M./	C21	LAPOINTE, S. et al., "Binding of a Bovine Oviductal Fluid Catalase to Mammalian Spermatozoa," <i>Biology of Reproduction</i> 58:747-753, 1998.		

/S.M./	C22	LEFEBVRE, R. et al., "Bovine Sperm Binding to Oviductal Epithelium Involves Fucose Recognition," <i>Biology of Reproduction</i> 56:1198-1204, 1997.	
	C23	LEFEBVRE, R. et al., "Characterization of the Oviductal Sperm Reservoir in Cattle," <i>Biology of Reproduction</i> 53:1066-1074, 1995.	
	C24	LEFEBVRE, R. et al., "Effect of Capacitation on Bull Sperm Binding to Homologous Oviductal Epithelium," <i>Biology of Reproduction</i> 54:575-582, 1996.	
	C25	MALAYER, J. et al., "Secretion of Proteins by Cultured Bovine Oviducts Collected From Estrus Through Early Diestrus," <i>The Journal of Experimental Zoology</i> 248:345-353, 1988.	
	C26	MCNUTT, T. et al., "Influence of Bovine Follicular and Oviduct Fluids on Sperm Capacitation <i>In Vitro</i> ," <i>Journal of Andrology</i> 12(4):244-252, 1991.	
	C27	MEINHARDT, A. et al., "Expression of Mitochondrial Heat Shock Protein 60 in Distinct Cell Types and Defined Stages of Rat Seminiferous Epithelium," <i>Biology of Reproduction</i> 52:798-807, 1995.	
	C28	MURRAY, S. et al., "Sperm interaction with fallopian tube apical membrane enhances sperm motility and delays capacitation," <i>Fertility and Sterility</i> 68(2):351-357, 1997.	
	C29	PARRISH, J. J. et al., "Capacitation of Bovine Spermatozoa by Oviduct Fluid," <i>Biology of Reproduction</i> 40:1020-1025, 1989.	
	C30	POLLARD, J. et al., "Fertilizing Capacity of Bovine Sperm May Be Maintained by Binding to Oviductal Epithelial Cells," <i>Biology of Reproduction</i> 44:102-107, 1991.	
	C31	SARTO, C. et al., "Heat shock proteins in human cancer," <i>Electrophoresis</i> 21:1218-1226, 2000.	
	C32	SMITH, T. et al., "Role of Direct Contact between Spermatozoa and Oviductal Epithelial Cells in Maintaining Rabbit Sperm Viability," <i>Biology of Reproduction</i> 56:83-89, 1997.	
	C33	SUAREZ, S. et al., "Bull Sperm Binding to Oviductal Epithelium Is Mediated by a Ca ²⁺ -Dependent Lectin on Sperm That Recognizes Lewis-a Trisaccharide," <i>Biology of Reproduction</i> 59:39-44, 1998.	
	C34	SUAREZ, S. et al., "Formation of a Reservoir of Sperm in the Oviduct," <i>Reprod Dom Anim</i> 37:140-143, 2002.	
	C35	SUAREZ, S., "The Oviductal Sperm Reservoir in Mammals: Mechanisms of Formation," <i>Biology of Reproduction</i> 58:1105-1107, 1998.	
	C36	TRIANTAFILLOU, M. et al., "Major Histocompatibility Class One Molecule Associates With Glucose Regulated Protein (GRP) 78 on the Cell Surface," <i>Human Immunology</i> 62:764-770, 2001.	
	C37	WERNER, A. et al., "Distribution of heat-shock protein 60 immunoreactivity in testes of infertile men," <i>Cell Tissue Res</i> 288:539-544, 1997.	
↓	C38	XIAO, G. et al., "Calreticulin Is Transported to the Surface of NG108-15 Cells Where It Forms Surface Patches and Is Partially Degraded in an Acidic Compartment," <i>J. Neuroscience Res</i> 58:652-662, 1999.	
/S.M./	C39	XIAO, G. et al., "KDEL proteins are found on the surface of NG108-15 cells," <i>Molecular Brain Research</i> 72:121-128, 1999.	

Examiner Signature	/Sheridan Macauley/	Date Considered	11/06/2007
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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
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				I.A. Filing Date	10/14/2004
				First Named Inventor	Mathieu Boillard
				Art Unit	To be assigned
				Examiner Name	To be assigned
				Attorney Docket Number	701826-057830
Sheet	1	.of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS						T ³
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/S.M./	C1	ASQUITH, Kelly L. et al.; J. of Cell Science 117; 3645-3657 (2004).				
	C2	ASQUITH, Kelly L. et al.; BOR Papers in Press [online] Accession No. DOI 10.1095/biolreprod.104.032270 (Sept. 29, 2004).				
	C3	ECROYD et al.; Bio. Of Reproduction 69: 1801-1807 [online] Accession No. DOI 10.1095/biolreprod.103.017350 (published online before print July 30, 2003).				
	C4	HUANG et al.; Theriogenology 53:1177-1184 (2000).				
	C5	HUANG et al.; Theriogenology 51:1007-1016 (1999).				
	C6	IKAWA et al.; Dev. Bio. 240:254-261 (2001).				
	C7	IKAWA et al.; Nature 387:607-611 (June 1997).				
/S.M./	C8	OKABE et al.; "The Male Gamete" in Basic Science to Clinical Applications pp. 47-54. Editor: Claude Gagnon. Publisher: Cache River Press, Vienna, Ill. (1999).				

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